FIX NOTES FOR BAYRS VERSION 14.0.3.10

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.10	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.9	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.8	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.7	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.6	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

BayRS Version 14.0.3.10 corrects the following problems:

Q00023153-02: VRRP
VRRP multinetted on Token Ring Lane does not forward IP packets after disabling another VRRP Lane instance.

Q00036727-01: Frame Relay
The MIB parameter wfFrDlcmiVcsConfigured is not being decremented when Frame Relay VCs are deleted.

Q00092989-01: VRRP
When a non-owner Master VRRP receives a VRRP destined ping, it replies with an ICMP redirect instead of silently discarding the packet.

Q00121937-01: DLSw
LLC is running out of context blocks, preventing new DLSw sessions from being established.

Q00168112: X.25
User traffic is dropped on an X.25 VC that is not in the DATAXFR state.

Q00205390-01: SNMP
When IP-specific SNMP managers are configured on a router, sending repeated SNMP requests to non-existent public string causes a hogs buffs situation and the router is eventually unable to respond.

Q00218468-03: OSPF
A BayRS router may retransmit an LSA type 3 forever if the LSA entry is aged out of the router's own LSDB just after it has transmitted the LSA to it's neighbor.

Q00277772-01: NetBIOS
NetBios NAME QUERY frames are echoed back out the same interface they came in on.

Q00285834: MIB
The wfIfEntry.10 (wfIfInOctets) and wfIfEntry.16 (wfIfOutOctets) values are not correct on Frame Relay interfaces.

Q00302443: DLSw
Tag violation fault occurs running DLSw on an ATM interface.

Q00305450-03: IP Traffic Filters
IP traffic filters with precedence greater than 31 are deleted when Extended Traffic Filter support is disabled then enabled.

Q00305463-03: IP Traffic Filters
In a configuration with multiple IP user defined traffic filters and Extended Traffic Filters enabled, configuring a new IP user defined traffic filter causes the IP user defined traffic filter previous to it in the filter list to go into an invalid state.

Q00305630-04: TI
Tag violation faults and memory corruption can occur when TI initializes on a BN.

Q00423358-02: VRRP
If you configure two virtual routers as Masters on a single network interface and then disable the network interface, the second virtual router transitions incorrectly from the MASTER state to the BACKUP state. If you configure the first virtual router as a Master and the second virtual router as a Backup and then disable the network interface, the second virtual router incorrectly remains in the BACKUP state. However, the log always shows that the routers have ransitioned correctly to the INIT state.

Q00425468-02: IP
An IP interface will remain up for up to 120 seconds after it has been disabled. If VRRP is configured as master on this interface, it will remain as master until the interface comes down.

Q00412172-02: VRRP
When a VRRP interface changes state, gratuitous ARPs are transmitted with the physical MAC address instead of the virtual MAC address.

Q00421606-01: VRRP
If two virtual routers are configured on the same non-token ring interface, the second virtual router remains in the INIT state.

Q00430901-03: OSPF
OSPF NBMA Interface intermittently gets stuck in exchange state when the router is flooding out type 3 database description packets.

Q00494478-02: VRRP
Disabling VRRP causes the router respond to ARP requests with a bogus MAC address.

Q00510064-01: VRRP
VRRP may fault during initialization due to a timing issue between the dependant processes on the router.

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FIX NOTES FOR BAYRS VERSION 14.0.3.9
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Site Manager compatibility:

BayRS version is managed by Site Manager version

14.0.3.9	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.8	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.7	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.6	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.9 corrects the following problem:
==========

Q00470890: RIP
When RIP is configured on an ATM PVC, the router will only send 2-3 update packets per second. As a result, it can take a significant amount of time to update the entire routing table on a large network.

==========
FIX NOTES FOR BAYRS VERSION 14.0.3.8
==========

Site Manager compatibility:

BayRS version is managed by Site Manager version

14.0.3.8	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.7	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.6	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.8 corrects the following problems:
==========

Q00245641: TI_INIT
The TI_INIT process does not release memory on FRE4 and ARE modules when the Serial Port ModemEnable attribute is enabled. If many login requests are made, this could eventually cause an out of memory fault on the router.

Q00391307-02: Radius
When Radius is enabled, if an invalid login attempt is made, the router logs a message that an invalid radius access response packet was received and disables the Radius server rather than sending an access reject packet.

Q00413482: SNMP
When an SNMP get request packet is received with an incorrect checksum and also has both the More bit and Do Not Fragment bit set, the router may fault.

==========
FIX NOTES FOR BAYRS VERSION 14.0.3.7
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.7	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.6	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.7 corrects the following problems:
==========

Q00043378-02: IP
The router will fault when one of the four serial interfaces changes from a down state to an active state while BGP routes are downloading to the router.

Q00075870: DLSw
When in a redundant path environment, a DLSw connection may be left in an inconsistant connected state after the router attempts and fails to make a connection.

Q00137521: IP_Traffic_Filter
Configuring IP user defined traffic filters where the user data offset is greater than the size of the smallest IP packet that the interface receives (such as an OSPF hello or RIP update) will cause a fault on an ARE module.

Q00152764-03: IP_Traffic_Filter
Enabling Extended Traffic Filter support with inbound traffic filters with user defined IP criteria configured will cause the router to fault.

Q00209477-01: Dial Backup
The ifEntry.ifOperStatus and ifSpeed attributes are incorrect if a backup circuit is configured for the interface.

Q00254601: IP_Multicast
The router may send multicast packets out of sequence when unicast traffic is received simultaneously.

Q00259789-03: SNMP
Running the SNMP Certs test suite will cause an out of memory fault on the ARE module on the BN router.

Q00260631-01: Firewall
A Tag Violation fault may occur when firewall is configured with rules that have logging is enabled.

Q00286620-03: Radius
When the router receives incorrectly formatted Radius Authentication packets (i.e. the packet size is less than the minimum or greater than the maximum size, or contains an incorrectly formatted vendor specific attribute) the router will fault.

Q00302720: SNMP
When an SNMP request that has 1270 bytes or more of data is received on an ARN or AN router that has the buffer size set to 1824 default), the router will fault or hang.

Q00317176-01: SNMP
When an SNMP request packet that contains an SNMP community length field that is greater than the size of the packet is received on an ATM interface on a BN router, the router will fault.

==========
FIX NOTES FOR BAYRS VERSION 14.0.3.6
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.6	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.6 corrects the following problems:
==========

Q00247420-09: SNMP
The router will fault when an SNMP request packet is received that contains a community string that is greater than 256 characters in length.

Q00248132-04: SNMP
The router will fault when an SNMP request packet is received that contains a variable length field value that is greater than the actual size of the data.

==========
FIX NOTES FOR BAYRS VERSION 14.0.3.5
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.5	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.5 corrects the following problems:
==========

Q00218526: OSPF
OSPF may fault in a very unstable network where interfaces are continuously bouncing.

Q00225543: MIB II
There are no ifEntry instances for ATM service records.

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FIX NOTES FOR BAYRS VERSION 14.0.3.4
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.4	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.4 corrects the following problems:
==========

Q00072116-02: RIP
In a configuration where a default is advertised via a RIP announce policy, the metric is not advertised correctly.

Q00137353: VRRP
OSPF Hello is sent with the VRRP virtual mac address as the source even when the router is the backup.

Q00174392-01: OSPF
Incorrect mask is being installed for default router during network convergence. In redundent topologies if there is more than one exit out of the autonomous system via a default route then there could be some issues when the network converges due to the fact that one of the exit points is now unavailable.

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FIX NOTES FOR BAYRS VERSION 14.0.3.3
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.3	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.3 corrects the following problems:
==========

Q00045702: OSPF
A compatibility issue exists between a BayRS router and
a Juniper router running over an ATM Point-to-Point PVC,
causing OSPF adjacencies to fail to go to the full state.
The problem is twofold -- the Juniper router is sending
an OSPF Hello packet with an invalid netmask, but the router
should be ignoring the netmask.

Q00060492: ATM
The wfAtmizerVcITxClipFrames attribute displays erroneous
information. Because the router does not support this MIB
attribute, it should display zero.

Q00082790: L2TP
L2TP runs successfully on a BCN only when you configure it on
slots numbered seven or less.

Q00109479: DVMRP
After a network outage, the cache entries for certain DVMRP
streams may be incorrect, resulting in data loss.

Q00147498: IGMP
When running IGMP on the router, unicast traffic response time
becomes unusually slow.

==========
FIX NOTES FOR BAYRS VERSION 14.0.3.2
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.2	------->	14.0.3, 14.0.2, 14.0.1
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.2 corrects the following problem:
==========

Q00088571-01: OSPF
When ASBR attempts to originate a type 5 LSA with a 32 bitmask
and network ID that matches the LSID of an existing LSA, it
overwrites all existing self-originated type 5 LSAs in the link
state database (LSDB).

==========
FIX NOTES FOR BAYRS VERSION 14.0.3.1
==========

Site Manager compatibility:

BayRS version	is managed by	Site Manager version
14.0.3.1	------->	14.0.3, 14.0.2, 14.0.1
14.0.3	------->	14.0.3, 14.0.2, 14.0.1

==========
BayRS Version 14.0.3.1 corrects the following problems:
==========

Q00088344: ARP
When an IP router ages an entry out of its ARP cache, a delay may occur before the router sends an ARP request to create a new entry. This may cause the client to lose its network connection for up to 11 seconds.

Q00094625: TFTP
Although TFTP appears to be loaded on the router, TFTP may fail to initialize if it tries to register with IP before the IP process is up.